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2164

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Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/002,470

Applicant(s)

DOROSARIO ET AL.

Examiner

Melissa M Chojnacki

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on September 20, 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-33 and 39-68 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-33 and 39-68 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

  
**SAM RIMELL**  
**PRIMARY EXAMINER**

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### Remarks

1. In response to communications filed on September 20, 2004, claims 34-38 are cancelled, claims 1,10, 19, 39, 44, 48, 61 and 65 are amended. Therefore, claims 1-33 and 39-68 are presently pending in the application.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-2, 7-8, 14-20, 25, 30-33, 39; 44-49, 53-54, 57-61 and 65-68 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bhagavath et al. (U.S. Patent Publication No. 2002/0021665) as in view of Sheth et al. (U.S. Patent No. 6,311,194).

As to claim 1, Bhagavath et al. teaches an advertisement targeting process for determining the advertisement preferences of a user (See abstract; paragraph 003), comprising:

a query monitoring process for monitoring queries entered by users into a search engine (See abstract; paragraph 0012; paragraph 0021; paragraph 0026; paragraph 0067);

a preference file maintenance process for maintaining, for each the user, an advertisement preference file that specifies the predefined advertisement categories associated with each the monitored query entered by the user, thus generating a list of user-preferred advertisement categories (See paragraph 0064; paragraph 0067; paragraph 0084-0085).

Bhagavath et al. does not teach a query association process for associating each the monitored query with one or more predefined advertisement categories.

Sheth et al. teaches a system and method for creating a semantic web and its applications in browsing, searching, profiling, personalization and advertising (See abstract), in which he teaches a query association process for associating each the monitored query with one or more predefined advertisement categories (See column 6, lines 53-58; column 7, lines 45-52; column 10-16).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Bhagavath et al., to include a query association process for associating each the monitored query with one or more predefined advertisement categories.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bhagavath et al., by the teachings of Sheth et al. because a query association process for associating each the monitored query with one or more predefined advertisement categories would help in supporting higher precision, relevance and timeliness in using Web-accessible content (See Sheth et al., column 4, lines 27-29).

As to claims 2, 20 and 49 Bhagavath et al. as modified, teaches wherein the preference file maintenance process includes a status determination process for determining if an advertisement preference file exists for the user (See Bhagavath et al., paragraph 003; paragraph 005; paragraph 0064; paragraph 0067; paragraph 0084-0085); wherein maintaining an advertisement preference file includes determining if an advertisement preference file exists for that user (See Bhagavath et al., paragraph 003; paragraph 005; paragraph 0064; paragraph 0067; paragraph 0084-0085).

As to claim 7 and 53, Bhagavath et al. as modified, teaches including a query storage process for storing the monitored queries in the advertisement preference file for later processing by the query association process (See Bhagavath et al., abstract; paragraph 0012; paragraph 0026; paragraph 0056); including storing the monitored queries in the advertisement preference file for later processing (See Bhagavath et al., abstract; paragraph 0012; paragraph 0026; paragraph 0056).

As to claims 8, 25 and 54 Bhagavath et al. as modified, teaches including an advertisement repository for storing a plurality of advertisements grouped in accordance with the predefined advertisement categories (See Bhagavath et al., abstract; paragraph 0012; paragraph 0026; paragraph 0056; also see Sheth et al., column 7, lines 45-52; column 8, lines 10-16; column 16, lines 57-65); including storing a plurality of advertisements grouped in accordance with the plurality of predefined advertisement

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categories (See Bhagavath et al., abstract; paragraph 0012; paragraph 0026; paragraph 0056; also see Sheth et al., column 7, lines 45-52; column 8, lines 10-16; column 16, lines 57-65).

As to claims 14, 30 and 57 Bhagavath et al. as modified, teaches wherein the query association process includes a query parsing process for separating the query into one or more discrete chunks (See Sheth et al., column 16, lines 5-17); wherein associating each monitored query includes separating the query into one or more discrete chunks (See Sheth et al., column 16, lines 5-17).

As to claims 15, 31, 45 and 58 Bhagavath et al. as modified, teaches wherein the query association process includes a word association process for associating one of the predefined advertisement categories with one or more of the discrete chunks included in the query (See Sheth et al., column 7, lines 20-27; column 8, lines 33-36; column 13, lines 17-20; column 16, lines 5-17); wherein associating each monitored query includes associating one of the plurality of predefined advertisement categories with one or more of the discrete chunks included in the query (See Sheth et al., column 7, lines 20-27; column 8, lines 33-36; column 13, lines 17-20; column 16, lines 5-17).

As to claims 16, 32, 46 and 59 Bhagavath et al. as modified, teaches wherein the query association process includes a word categorization process for categorizing one or more of the discrete chunks included in the query into one of the predefined

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advertisement categories if it is determined that the one or more discrete chunks is not currently associated with any of the predefined advertisement categories (See Sheth et al., column 16, lines 5-36); wherein associating each monitored query includes categorizing one or more of the discrete chunks included in the query into one of the plurality of predefined advertisement categories if it is determined that the one or more discrete chunks is not currently associated with any of the plurality of predefined advertisement categories (See Sheth et al., column 16, lines 5-36).

As to claims 17, 33, 47 and 60 Bhagavath et al. as modified, teaches wherein the query association process includes a word recategorization process for recategorizing one or more of the discrete chunks included in the query into a different predefined advertisement category if it is determined that the existing association of the one or more discrete chunks with its predefined advertisement category is no longer valid due to changes in the user's query patterns (See Bhagavath et al., paragraph 0062; also see Sheth et al., column 16, lines 5-36); wherein associating each monitored query includes recategorizing one or more of the discrete chunks included in the query into a different predefined advertisement category if it is determined that the existing association of the one or more discrete chunks with its predefined advertisement category is no longer valid due to changes in the user's query patterns (See Bhagavath et al., paragraph 0062; also see Sheth et al., column 16, lines 5-36).

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As to claim 18, Bhagavath et al. as modified, teaches wherein the word association process is a manual association process (See Bhagavath et al., paragraph 0062; also see Sheth et al., column 4, lines 14-17).

As to claim 19, Bhagavath et al. teaches an advertisement targeting process for determining the advertisement preferences of a user (See abstract), comprising:

a query monitoring process for monitoring queries entered into a search engine by users (See abstract; paragraph 0012; paragraph 0021; paragraph 0026; paragraph 0067);

a query storage process for storing the monitored queries in an advertisement preference file for that the user (See paragraph 004; paragraph 0047; paragraph 0067);

a preference file maintenance process for maintaining, for each the user, the advertisement preference file so that it specifies the predefined advertisement categories associated with each the monitored query entered by the user, thus generating a list of user-preferred advertisement categories (See paragraph 0064; paragraph 0067; paragraph 0084-0085).

Bhagavath et al. does not teach a query association process for associating each the monitored query stored in the advertisement preference file with one or more predefined advertisement categories.

Sheth et al. teaches a system and method for creating a semantic web and its applications in browsing, searching, profiling, personalization and advertising (See abstract), in which he teaches a query association process for associating each the



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monitored query stored in the advertisement preference file with one or more predefined advertisement categories (See column 6, lines 53-58; column 7, lines 45-52; column 8, lines 10-16).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Bhagavath et al., to include a query association process for associating each the monitored query stored in the advertisement preference file with one or more predefined advertisement categories.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bhagavath et al., by the teachings of Sheth et al. because a query association process for associating each the monitored query stored in the advertisement preference file with one or more predefined advertisement categories would help in supporting higher precision, relevance and timeliness in using Web-accessible content (See Sheth et al., column 4, lines 27-29).

As to claim 39, Bhagavath et al. teaches an advertisement targeting process for determining the advertisement preferences of a user (See abstract), comprising:

a query monitoring process for monitoring queries entered into a search engine by users (See abstract; paragraph 0012; paragraph 0021; paragraph 0026; paragraph 0067);

a preference file maintenance process for maintaining, for each the user, an advertisement preference file that specifies the predefined advertisement categories associated with each the monitored query entered by the user, thus generating a list of

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user-preferred advertisement categories (See paragraph 004; paragraph 0047; paragraph 0067); and

an advertisement repository for storing a plurality of advertisements grouped in accordance with the predefined advertisement categories (See paragraph 0064; paragraph 0067; paragraph 0084-0085).

Bhagavath et al. does not teach a query association process for associating each the monitored query with one or more predefined advertisement categories.

Sheth et al. teaches a system and method for creating a semantic web and its applications in browsing, searching, profiling, personalization and advertising (See abstract), in which he teaches a query association process for associating each the monitored query with one or more predefined advertisement categories (See column 6, lines 53-58; column 7, lines 45-52; column 8, lines 10-16).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Bhagavath et al., to include a query association process for associating each the monitored query with one or more predefined advertisement categories.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bhagavath et al., by the teachings of Sheth et al., because a query association process for associating each the monitored query with one or more predefined advertisement categories would help in supporting higher precision, relevance and timeliness in using Web-accessible content (See Sheth et al., column 4, lines 27-29).

As to claim 44, Bhagavath et al. teaches an advertisement targeting process for determining the advertisement preferences of a user (See abstract), comprising:

a query monitoring process for monitoring queries entered into a search engine by users (See abstract; paragraph 0012; paragraph 0021; paragraph 0026; paragraph 0067);

a preference file maintenance process for maintaining, for each the user, an advertisement preference file that specifies the predefined advertisement categories associated with each the monitored query entered by the user, thus generating a list of user-preferred advertisement categories (See paragraph 004; paragraph 0047; paragraph 0064; paragraph 0067; paragraph 0084-0085).

Bhagavath et al. does not teach a query association process for associating each the monitored query with one or more predefined advertisement categories; wherein the query association process includes a query parsing process for separating the query into ore or more discrete chunks.

Sheth et al. teaches a system and method for creating a semantic web and its applications in browsing, searching, profiling, personalization and advertising (See abstract), in which he teaches a query association process for associating each the monitored query with one or more predefined advertisement categories (See column 6, lines 53-58; column 7, lines 45-52; column 8, lines 10-16); wherein the query association process includes a query parsing process for separating the query into ore or more discrete chunks (See column 16, lines 5-17)

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Bhagavath et al., to include a query association process for associating each the monitored query with one or more predefined advertisement categories; wherein the query association process includes a query parsing process for separating the query into ore or more discrete chunks.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bhagavath et al., by the teachings of Sheth et al. because a query association process for associating each the monitored query with one or more predefined advertisement categories; wherein the query association process includes a query parsing process for separating the query into ore or more discrete chunks would help in supporting higher precision, relevance and timeliness in using Web-accessible content (See Sheth et al., column 4, lines 27-29).

As to claim 48, Bhagavath et al. teaches an advertisement targeting method for determining the advertisement preferences of a user (See abstract), comprising:

monitoring queries entered into a search engine by users (See abstract; paragraph 0012; paragraph 0021; paragraph 0026; paragraph 0067);

maintaining, for each user, an advertisement preference file that specifies the predefined advertisement categories associated with each monitored query entered by the user, thus generating a list of user-preferred advertisement categories (See

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paragraph 004; paragraph 0047; paragraph 0064; paragraph 0067; paragraph 0084-0085).

Bhagavath et al. does not teach associating each monitored query with one or more predefined advertisement categories.

Sheth et al. teaches a system and method for creating a semantic web and its applications in browsing, searching, profiling, personalization and advertising (See abstract), in which he teaches associating each monitored query with one or more predefined advertisement categories (See column 6, lines 53-58; column 7, lines 45-52; column 8, lines 10-16).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Bhagavath et al. to include associating each monitored query with one or more predefined advertisement categories.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bhagavath et al., by the teachings of Sheth et al. because associating each monitored query with one or more predefined advertisement categories would help in supporting higher precision, relevance and timeliness in using Web-accessible content (See Sheth et al., column 4, lines 27-29).

As to claim 61, Bhagavath et al. teaches monitor queries entered into a search engine by users (See abstract; paragraph 0012; paragraph 0021; paragraph 0026; paragraph 0067);

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maintain, for each user, an advertisement preference file that specifies the predefined advertisement categories associated with each monitored query entered by the user, thus generating a list of user-preferred advertisement categories (See paragraph 004; paragraph 0047; paragraph 0064; paragraph 0067; paragraph 0084-0085).

Bhagavath et al. does not teach a computer program product residing on a computer readable medium having a plurality of instructions stored thereon that, when executed by the processor; associate each monitored query with one or more predefined advertisement categories.

Sheth et al. teaches a system and method for creating a semantic web and its applications in browsing, searching, profiling, personalization and advertising (See abstract), in which he teaches a computer program product residing on a computer readable medium having a plurality of instructions stored thereon that, when executed by the processor (See abstract; column 1, lines 23-28; column 16, lines 61-67; column 17, lines 1-2; column 17, lines 55-65); associate each monitored query with one or more predefined advertisement categories (See column 6, lines 53-58; column 7, lines 45-52; column 8, lines 10-16).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Bhagavath et al., to include a computer program product residing on a computer readable medium having a plurality of instructions stored thereon that, when executed by the processor; associate each monitored query with one or more predefined advertisement categories.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bhagavath et al., by the teachings of Sheth et al. because a computer program product residing on a computer readable medium having a plurality of instructions stored thereon that, when executed by the processor; associate each monitored query with one or more predefined advertisement categories would help in supporting higher precision, relevance and timeliness in using Web-accessible content (See Sheth et al., column 4, lines 27-29).

As to claim 65, Bhagavath et al. teaches monitor queries entered into a search engine by users (See abstract; paragraph 0012; paragraph 0021; paragraph 0026; paragraph 0067);

maintain, for each user, an advertisement preference file that specifies the predefined advertisement categories associated with each monitored query entered by the user, thus generating a list of user-preferred advertisement categories (See paragraph 004; paragraph 0047; paragraph 0064; paragraph 0067; paragraph 0084-0085).

Bhagavath et al. does not teach a processor and memory; associate each monitored query with one or more predefined advertisement categories.

Sheth et al. teaches a system and method for creating a semantic web and its applications in browsing, searching, profiling, personalization and advertising (See abstract), in which he teaches a processor and memory (See abstract; column 1, lines 23-28; column 16, lines 61-67; column 17, lines 1-2; column 17, lines 55-65); associate

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each monitored query with one or more predefined advertisement categories (See column 6, lines 53-58; column 7, lines 45-52; column 8, lines 10-16).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Bhagavath et al., to include a processor and memory; associate each monitored query with one or more predefined advertisement categories.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bhagavath et al., by the teachings of Sheth et al. because a processor and memory; associate each monitored query with one or more predefined advertisement categories would help in supporting higher precision, relevance and timeliness in using Web-accessible content (See Sheth et al., column 4, lines 27-29).

As to claim 66, Bhagavath et al. as modified, teaches wherein the processor and memory are incorporated into a personal computer (See Bhagavath et al., paragraph 009; paragraph 0022; paragraph 0070; also see Sheth et al., column 17, lines 55-65).

As to claim 67, Bhagavath et al. as modified, teaches wherein the processor and memory are incorporated into a network server (See Bhagavath et al., paragraph 009; paragraph 0022; paragraph 0070; also see Sheth et al., column 1, lines 23-28; column 16, lines 61-67; column 17, lines 1-2; column 17, lines 55-65).



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As to claim 68, Bhagavath et al. as modified, teaches wherein the processor and memory are incorporated into a single board computer (See Bhagavath et al., paragraph 009; paragraph 0022; paragraph 0070; also see Sheth et al., column 17, lines 10-13; lines 55-65).

4. Claims 3-6, 9-13, 21-24, 26-29, 40-43, 50-52, 55-56 and 62-64 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bhagavath et al. (U.S. Patent Publication No. 2002/0021665) as in view of Sheth et al. (U.S. Patent No. 6,311,194), as applied to claims 1-2, 7-8, 14-20, 25, 30-33, 39; 44-49, 53-54, 57-61 and 65-68 above, and further in view of Angles et al. (U.S. Patent No. 6,385,592).

As to claims 3, 21 and 50 Bhagavath et al. as modified, still does not teach wherein the preference file maintenance process includes a preference file creation process, responsive to the status determination process, for creating the advertisement preference file for the user if it is determined that an advertisement preference file does not exist for that user; wherein maintaining an advertisement preference file includes creating the advertisement preference file for the user if it is determined that an advertisement preference file does not exist for that user.

Angles et al. teaches a system and method for delivering customized advertisements within interactive communication systems (See abstract), in which he teaches wherein the preference file maintenance process includes a preference file creation process, responsive to the status determination process, for creating the advertisement preference file for the user if it is determined that an advertisement

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preference file does not exist for that user (See Angles et al., column 3, lines 21-27; column 19, lines 56-59, where “preference file maintenance process” is read on “advertising module”; column 20, lines 60-67; column 21, lines 1-8; column 22, lines 47-53); wherein maintaining an advertisement preference file includes creating the advertisement preference file for the user if it is determined that an advertisement preference file does not exist for that user (See Angles et al., column 3, lines 21-27; column 19, lines 56-59, where “preference file maintenance process” is read on “advertising module”; column 20, lines 60-67; column 21, lines 1-8; column 22, lines 47-53).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Bhagavath et al. as modified, to include wherein the preference file maintenance process includes a preference file creation process, responsive to the status determination process, for creating the advertisement preference file for the user if it is determined that an advertisement preference file does not exist for that user; wherein maintaining an advertisement preference file includes creating the advertisement preference file for the user if it is determined that an advertisement preference file does not exist for that user.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Bhagavath et al. as modified, by the teachings of Angles et al., because wherein the preference file maintenance process includes a preference file creation process, responsive to the status determination process, for creating the advertisement preference file for the user if it is determined that an

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advertisement preference file does not exist for that user; wherein maintaining an advertisement preference file includes creating the advertisement preference file for the user if it is determined that an advertisement preference file does not exist for that user would provide an effective way of targeting particular advertisements to consumers most likely to use the product or service (See Angles et al., column 2, lines 31-42).

As to claims 4 and 22 Bhagavath et al. as modified, teaches wherein the preference file maintenance process includes a user identification process, responsive to the preference file creation process creating the advertisement preference file for the user, for transmitting to the user a unique identifier that associates the user with the appropriate advertisement preference file (See Bhagavath et al., paragraph 003; paragraph 005; paragraph 0047; paragraph 0064; paragraph 0067; paragraph 0084-0085).

As to claims 5, and 23 Angles et al. as modified, teaches wherein the unique identifier is a cookie that is stored on a remote computer operated by the user (See Angles et al., column 11, lines 13-23, lines 63-64).

As to claims 6, 24 and 52 Bhagavath et al. as modified, teaches wherein the preference file maintenance process includes a preference file modification process for modifying the list of user-preferred advertisement categories to include the predefined advertisement categories associated with each the monitored query entered by the user

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(See Bhagavath et al., paragraph 003-004; paragraph 0067; also see Angles et al., column 15, lines 51-54; column 20, lines 60-67, where “preference file maintenance process” is read on “advertising module”; column 21, lines 1-8).

As to claims 9, 26, 40 and 55 Angles et al. as modified, teaches including an advertisement transmission process for accessing the plurality of advertisements stored on the advertisement repository and transmitting (See Angles et al., column 13, lines 62-65; column 15, lines 32-36; column 26, lines 6-7; also see Sheth et al., column 7, lines 45-52; column 8, lines 10-16; column 16, lines 57-65), to the user, advertisements in accordance with the list of user-preferred advertisement categories specified in the advertisement preference file for that user (See Angles et al., column 3, lines 56-63; column 15, lines 51-54; column 20, lines 60-67; column 21, lines 1-8); including accessing the plurality of advertisements stored on the advertisement repository and transmitting (See Angles et al., column 13, lines 62-65; column 15, lines 32-36; column 26, lines 6-7; also see Sheth et al., column 7, lines 45-52; column 8, lines 10-16; column 16, lines 57-65), to the user, advertisements in accordance with the list of user-preferred advertisement categories specified in the advertisement preference file for that user (See Angles et al., column 3, lines 56-63; column 15, lines 51-54; column 20, lines 60-67; column 21, lines 1-8).

As to claim 10, 27 and 41 Angles et al. as modified, teaches wherein the advertisement repository and the advertisement transmission process are incorporated

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into a remote advertisement service process (See Angles et al., column 13, lines 60-65, where “advertisement service process” is read on “advertising module”; column 15, lines 32-47); teaches wherein the advertisement repository and the advertisement transmission process are incorporated into a remote advertisement service provider See Angles et al., column 13, lines 60-65, where “advertisement service process” is read on “advertising module”; column 15, lines 32-47).

As to claims 11, 28, 42 and 56 Bhagavath et al. as modified, teaches wherein the advertisements transmitted to the user are received by a remote computer operated by the user, wherein the remote computer executes a graphical program that allows the user to view the advertisements (See Bhagavath et al., abstract; paragraph 0022; also see Angles et al., column 1, lines 38-40, lines 42-46; column 10, lines 18-21, lines 23-26); including receiving, on a remote computer operated by the user, the advertisements transmitted to the user, wherein the remote computer executes a graphical program that allows the user to view the advertisements (See Bhagavath et al., abstract; paragraph 0022; also see Angles et al., column 1, lines 38-40, lines 42-46; column 10, lines 18-21, lines 23-26).

As to claims 12, 29 and 43 Bhagavath et al. as modified, teaches wherein the graphical program is a web browser (See Bhagavath et al., paragraph 0012; paragraph 0067; also see Angles et al., column 1, lines 38-40, lines 42-46; column 10, lines 18-21, lines 23-26).

As to claim 13, Bhagavath et al. as modified, teaches wherein the advertisements transmitted to the user are received by a remote computer operated by the user, wherein the remote computer executes an audio program that allows the user to hear the advertisements (See Angles et al., column 1, lines 44-46; column 10, lines 25-26; column 12, lines 44-48; also see Sheth et al., column 16, lines 50-55).

As to claim 51, Bhagavath et al. as modified, teaches wherein maintaining an advertisement preference file includes transmitting to the user a unique identifier that associates the user with the appropriate advertisement preference file (See Bhagavath et al., paragraph 004; paragraph 0047; paragraph 0064; paragraph 0067; paragraph 0084-0085).

As to claim 62, Angles et al. as modified, teaches wherein the computer readable medium is a random access memory (RAM) (See Angles et al., column 12, lines 1-6).

As to claim 63, Angles et al. as modified, teaches wherein the computer readable medium is a read only memory (ROM) (See Angles et al., column 12, lines 1-6).

As to claim 64, Angles et al. as modified, teaches wherein the computer readable medium is a hard disk drive (See Angles et al., column 11, lines 64-67; column 12, line 1).

### ***Response to Arguments***

5. Applicant's arguments in Response to the Office Action mailed June 14, 2004, for the application filed 23-October-2001, with respect to objection to the specification have been fully considered and are persuasive.

6. Applicant's arguments filed on September 20, 2004, for the application filed 23-October-2001, with respect to the rejected claims in view of the cited references have been fully considered but they are moot in view of the new grounds of rejection.

### ***Conclusion***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mellissa M Chojnacki whose telephone number is (571) 272-4076. The examiner can normally be reached on 9:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on (571) 272-4083. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Mmc  
February 16, 2005



**SAM RIMELL  
PRIMARY EXAMINER**